SECTION EX

EXHAUST SYSTEM

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EXHAUST SYSTEM

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Checking Exhaust System

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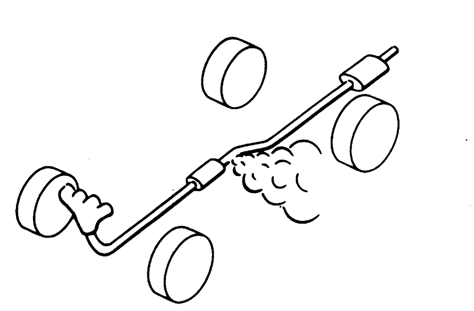
Check exhaust pipes, muffler and mounting for improper attachment, leaks, cracks, damage or deterioration.

- If necessary, repair or replace damaged parts.



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Removal and Installation

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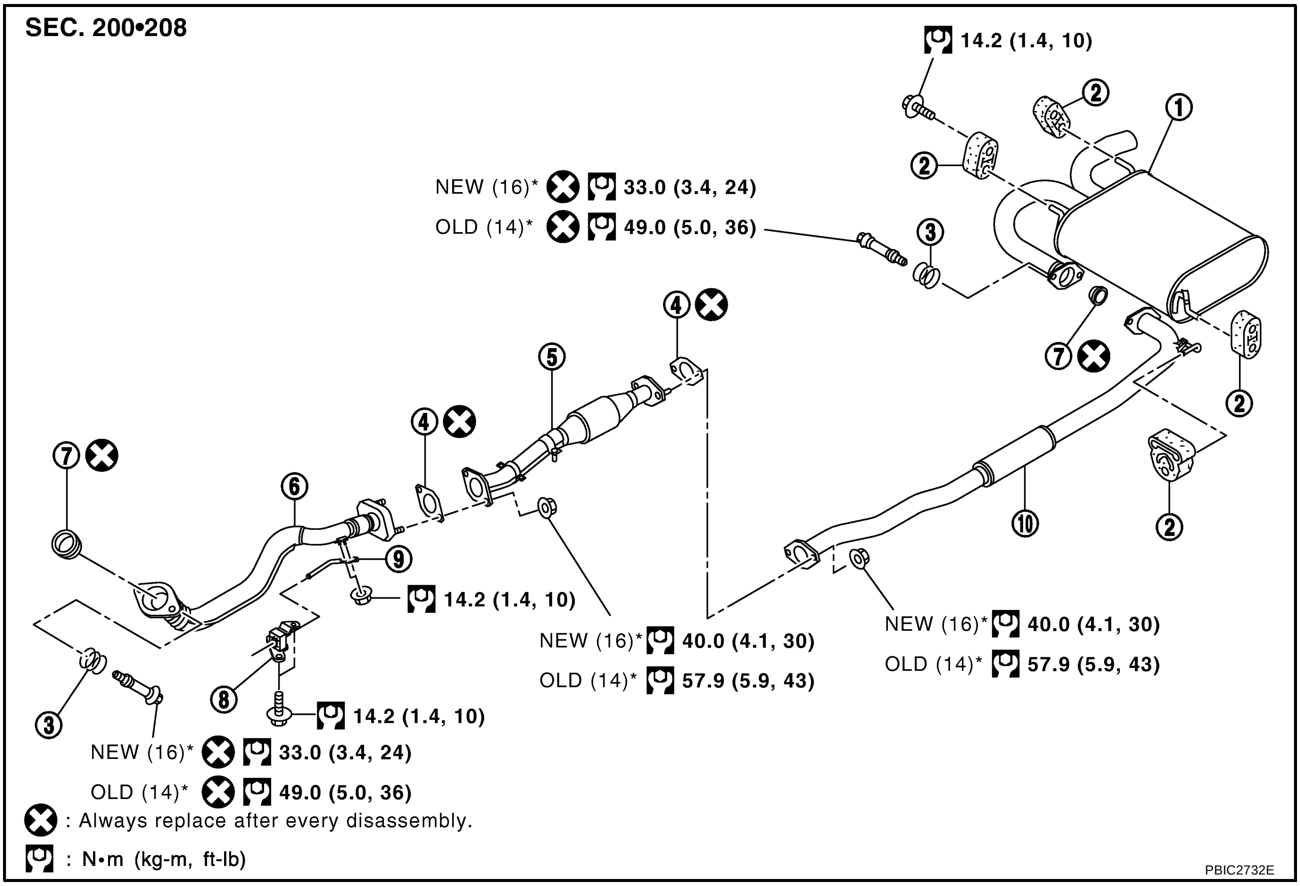
WARNING:

- **Be careful not to cut your hand on the insulator edge.**

CAUTION:

- **Be sure to use genuine exhaust system parts or equivalents which are specially designed for heat resistance, corrosion resistance and shape.**
- **Perform the operation with the exhaust system fully cooled down because the system will be hot just after engine stops.**



*: In regard to the notation of torque in the figure, “NEW” shows an ISO standard, “OLD” shows a conventional standard, and the measurements of hexagonal width across flats are in parentheses.

1. Main muffler
2. Mounting rubber
3. Spring
4. Gasket
5. Three way catalyst
6. Exhaust front tube
7. Seal bearing
8. Mounting rubber bracket
9. Mounting bracket
10. Exhaust center tube

REMOVAL

Disconnect each joint and mounting.

INSTALLATION

Note the following, and install in the reverse order of removal.

CAUTION:

- **Always replace exhaust tube gaskets and seal bearings with new ones when reassembling.**
- **If heat insulator is badly deformed, repair or replace it. If deposits such as mud pile up on the heat insulator, remove them.**
- **When installing heat insulator avoid large gaps or interference between heat insulator and each exhaust pipe.**
- **Remove deposits from the sealing surface of each connection. Connect them securely to avoid gas leakage.**

- **Temporarily tighten all mounting nuts and bolts. Check each part for unusual interference, and then tighten them to the specified torque.**
- **When installing each mounting rubber, avoid twisting or unusual extension in up/down and right/left directions.**

Install seal bearings at exhaust front tube and main muffler as follows.

CAUTION:

- **Do not mix the bolt and spring for seal bearing as the dimension is different for each seal bearing.**

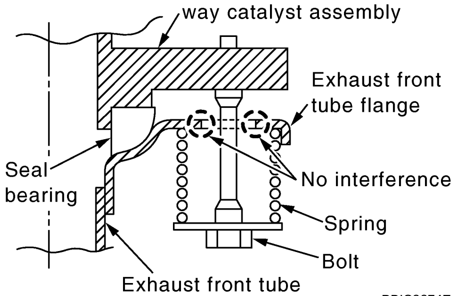
Seal Bearing (Exhaust Front Tube Side)

Insert seal bearing in the direction shown in the figure.

1. Securely insert seal bearing into exhaust manifold and three way catalyst assembly side in the direction as shown in the figure.

   CAUTION:

   Be careful not to damage seal bearing surface when installing.
2. Make sure that mounting bolts do not interference with flange of exhaust front tube.



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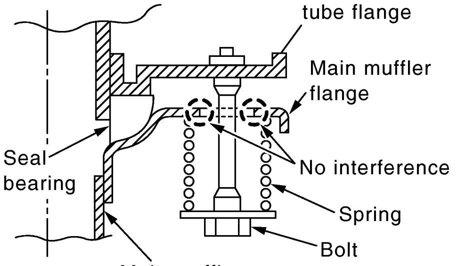
Seal Bearing (Main Muffler Side)

1. Securely insert seal bearing into exhaust center tube side in the direction as shown in the figure.

   CAUTION:

   Be careful not to damage seal bearing surface when installing.
2. Make sure that mounting bolts do not interference with flange of main muffler.



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INSPECTION AFTER INSTALLATION

- With engine running, check exhaust tube joints for gas leakage and unusual noises.
- Make sure that mounting brackets and mounting rubbers are installed properly and free from undue stress. Improper installation could result in excessive noise and vibration.